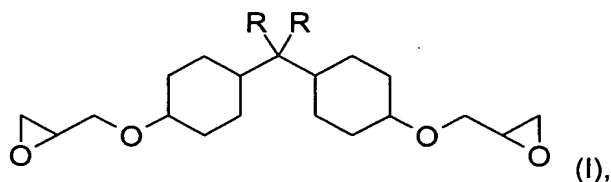


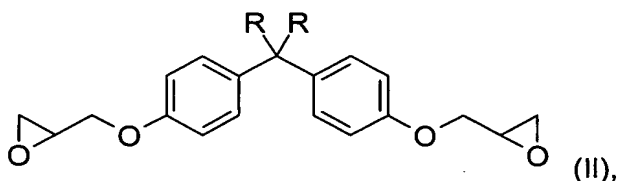
Heterogeneous ruthenium catalyst, nucleus-hydrogenated diglycidyl ether of bisphenols A and F, and method for the production thereof

5 Abstract

A heterogeneous ruthenium catalyst comprising silicon dioxide as support material, in which the percentage ratio of the Q₂ and Q₃ structures Q₂/Q₃ in the silicon dioxide determined by means of solid-state ²⁹Si-NMR is less than 25, a process for preparing a
10 bisglycidyl ether of the formula I



where R is CH₃ or H, by ring hydrogenation of the corresponding aromatic bisglycidyl
15 ether of the formula II



in which the abovementioned heterogeneous ruthenium catalyst is used, and a
20 bisglycidyl ether of the formula I which can be prepared using the abovementioned process.